

IN THE CLAIMS

COMPLETE LISTING OF ALL CLAIMS, WITH MARKINGS AND STATUS IDENTIFIERS
(Currently amended claims showing deletions by ~~strike through~~ and additions by underlining)

This listing of claims will replace all prior versions and listings of the claims in the application.

Listing of Claims:

1-25. (cancelled)

26. (new) A domestic bird vaccinated by a whole-body spray administration of an effective amount of a vaccine comprising a live avirulent derivative of an enteropathogenic bacteria to the bird, wherein said enteropathogenic bacteria is other than one that causes respiratory disease in birds, and wherein the spray is composed of droplets having a mean diameter of 40-200 microns.

27. (new) The domestic bird of Claim 26, wherein the bird is resistant to infection by a microbe selected from the group consisting of: *Salmonella*, *Escherichia*, *Klebsiella*, *Proteus*, *Yersina*, *Erwinia*, and *Salmonella*-*Escherichia* enterobacteria.

28. (new) The domestic bird of Claim 27, wherein the bird is resistant to infection by *Salmonella*.

29. (new) The domestic bird of Claim 28, wherein the bird is resistant to infection by *S. typhimurium*, *S. typhi*, *S. paratyphi*, *S. enteritidis*, *S. Dublin*, *S. gallinarum*, *S. pullorum*, *S. arizona*, and *S. choleraesuis*.

30. (new) A vaccination kit for poultry comprising:

(a) a live, avirulent bacterial vaccine strain of an enteropathogenic avian pathogen dispersable in said diluent, wherein said enteropathogenic bacteria is other than one that causes respiratory disease in birds;

(b) optionally, a diluent suitable for dispersion of said vaccine strain and administration of said vaccine strain in the form of a spray; and

(c) instructions for delivery of said vaccine strain to poultry by whole-body spray, wherein the spray is composed of droplets having a mean diameter of 40-200 microns.

31. The vaccination kit of Claim 30, wherein the enteropathogenic bacteria selected from the group consisting of: *Salmonella*, *Escherichia*, *Klebsiella*, *Proteus*, *Yersinia*, *Erwinia*, and *Salmonella*-*Escherichia*.
32. (new) The vaccination kit of Claim 31, wherein the enteropathogenic bacteria is a *Salmonella*.
33. (new) The vaccination kit of Claim 32, wherein the *Salmonella* is selected from the group consisting of: *S. typhimurium*, *S. typhi*, *S. paratyphi*, *S. enteritidis*, *S. Dublin*, *S. gallinarum*, *S. pullorum*, *S. arizona*, and *S. choleraesuis*.
34. (new) The vaccination kit of Claim 33, wherein the *Salmonella* is a *Salmonella typhimurium*.
35. (new) The vaccination kit of Claim 34, wherein the *Salmonella typhimurium* is χ 3985.
36. (new) The vaccination kit of Claim 30, wherein the diluent is essentially free of chlorine, antibiotics, and antimicrobials.
37. (new) The vaccination kit of Claim 30, wherein the diluent is selected from the group consisting of: water, distilled water, de-ionized water, skim milk, water containing Marek's vaccine stabilizer, and buffered saline with gelatin.
38. (new) The vaccination kit of Claim 30, wherein the instructions specify spray delivery of a dose of 10^5 - 10^8 colony forming units.